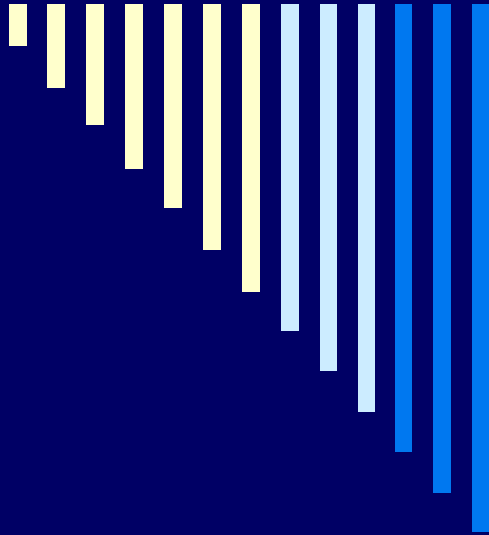
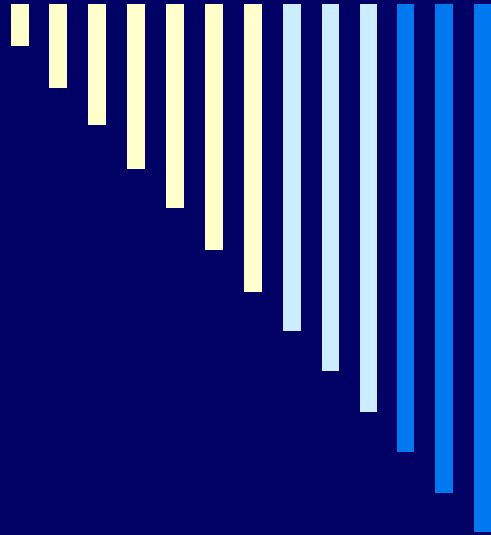


STORM 2006

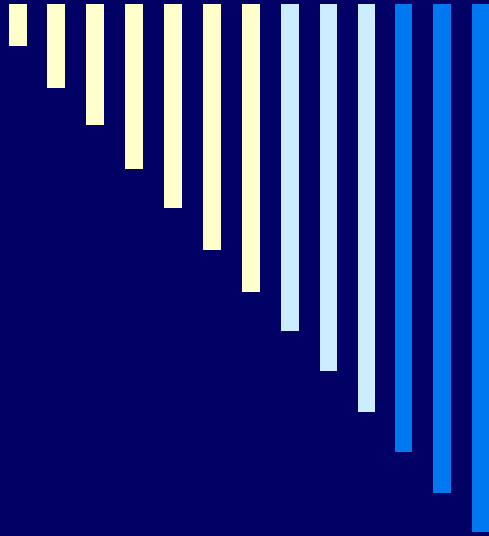


STORM 2006



STAFF UPDATES

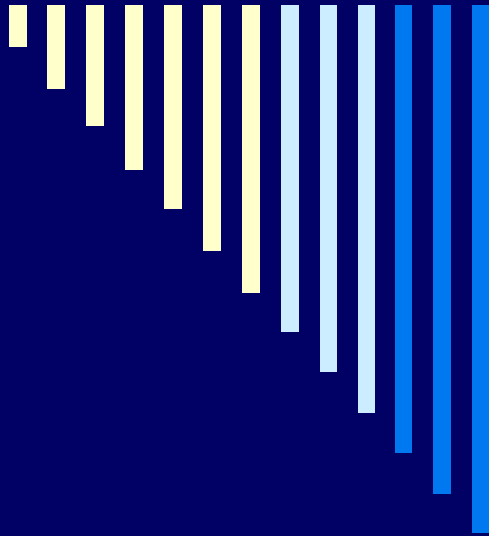
STORM 2006 – STAFF UPDATES



Public Assistance Efforts:

- ❑ FEMA Project Worksheets Reviewed & Signed To-Date: 89
- ❑ Completed Scoping through FEMA Region VI Mitigation Division for Flood Event Study; High Water Marks, Hydraulic Modeling & Inundation Mapping
- ❑ Scoping Master Drainage Study Citywide in coordination with US Army of Corps of Engineers efforts

STORM 2006 – STAFF UPDATES

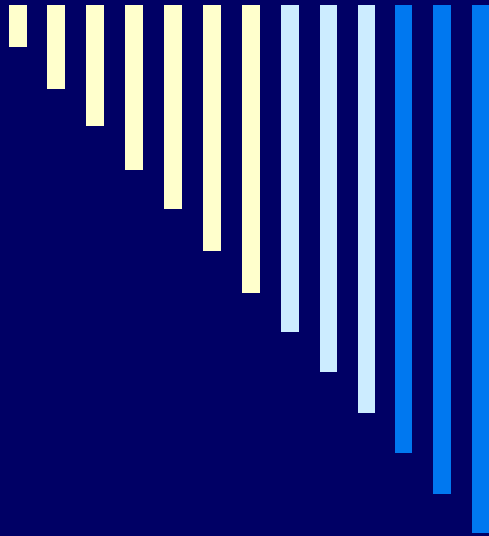


Street:

☐ Water Pumping

- All major flooding within public rights-of-way has been pumped & cleared
- Water extraction continues citywide
- Policy defined to permit pumping of water on private property

STORM 2006 – STAFF UPDATES



Street:

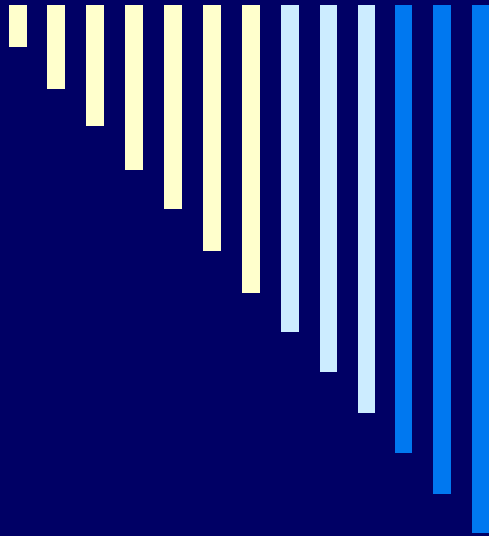
☐ Sweeping

- Major debris on public rights-of-way cleared
- Commencing normal street sweeping schedules

☐ Debris Removal

- Significant volume of debris within drainage channels & ponding basins; work ongoing using private contracting

STORM 2006 – STAFF UPDATES

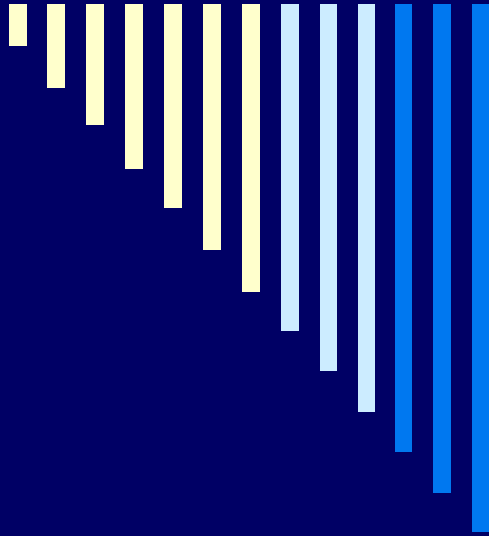


Street:

☐ Street Repairs

- Completed temporary repairs on damaged major streets citywide
- Ongoing repairs of other damaged streets citywide (private contracting)

STORM 2006 – STAFF UPDATES

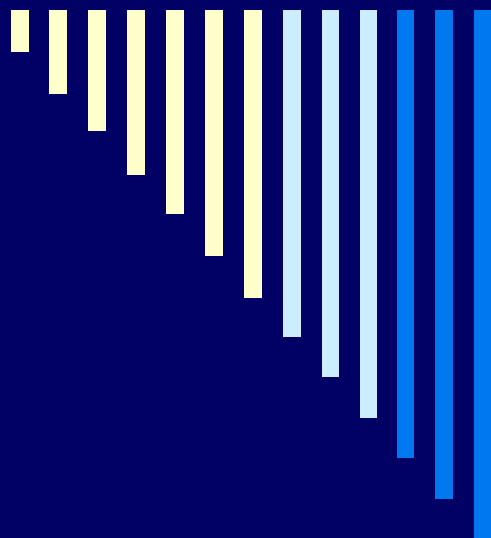


Street:

□ Drainage Facilities

- Debris removal ongoing at various drainage channels and ponding basins citywide (private contracting)
- Contract design process started on major infrastructure damaged
- Crews cleaning ditches, drop inlets, box culverts & basins citywide

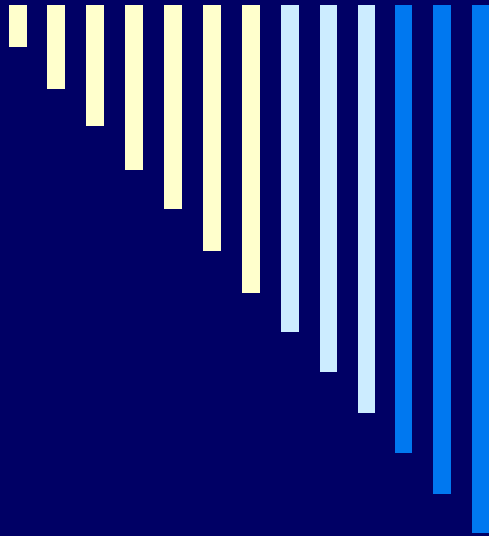
STORM 2006 – STAFF UPDATES



Street:

- Drainage Facilities
 - Crews repairing washouts along major drains & basins citywide
- Sandbags: Filled & delivered 320,000 sand bags; operations reached capacity, September 29

STORM 2006 – STAFF UPDATES

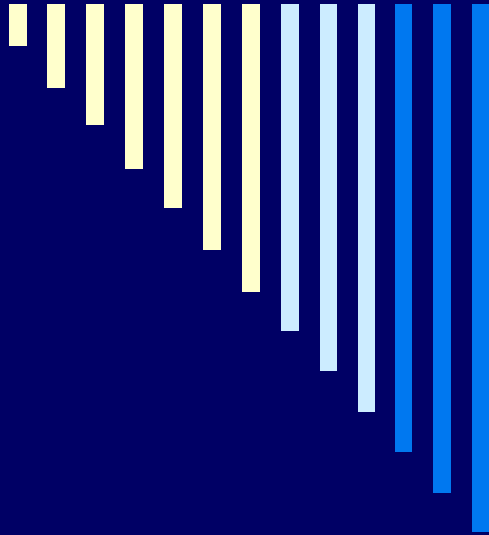


Street:

☐ Pothole Patching

- Pothole repair on major arterial streets citywide substantially completed
- Ongoing progress on repairs of other arterial streets
- Scheduling local street repairs

STORM 2006 – STAFF UPDATES

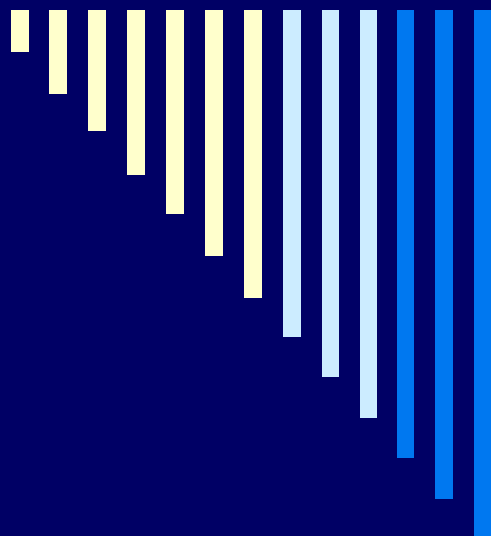


Street:

☐ Weed Control

- Purchase order issued to private contractor; work commenced September 28
- Two City crews spraying citywide

STORM 2006 – STAFF UPDATES

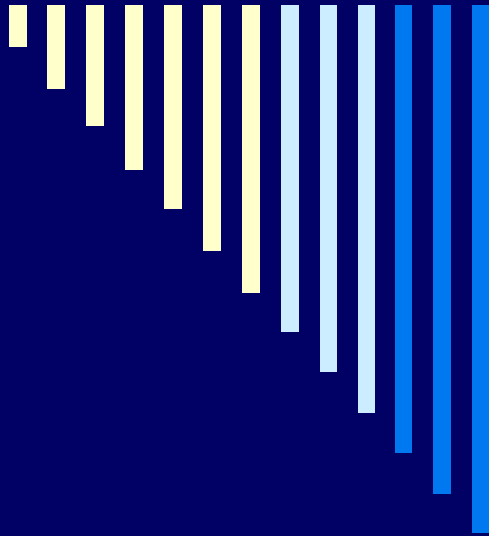


Environmental Services:

☐ Completed

- Removal of storm-related debris from residential curbsides
- Completed Project Worksheets for Landfills
- Completed Category A Project Worksheets for Debris Removal
- Filed Category B Project Worksheets for Emergency Activities

STORM 2006 – STAFF UPDATES



Environmental Services:

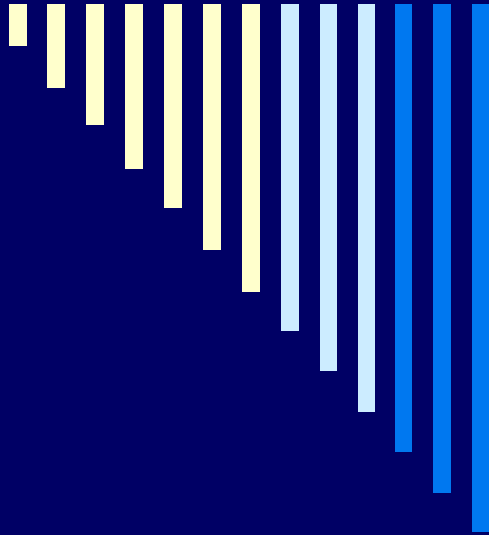
□ Ongoing

- Repairs to Clint Landfill erosion
- Desilting of Clint Landfill drainage channels & ponds
- Construction of new pond at Clint Landfill
- Continued coordination with FEMA

□ Long-Term

- Rebuilding of Clint Landfill entrance road
- Installation of 2 culverts at entrance road to accommodate diverted flows

STORM 2006 – STAFF UPDATES

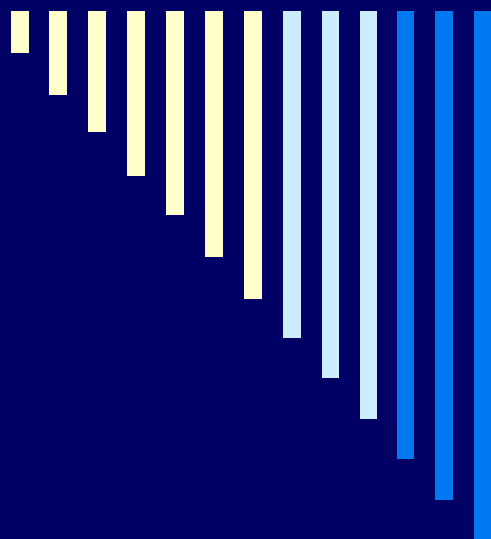


Environmental Services:

□ Long-Term

- Upgrade detention pond DE to a retention pond
- Upgrade detention pond BC to a retention pond
- Replacement / repair of fencing
- Repair to McCombs landfill
- File expenditure reports with FEMA & Texas DEM
- Prepare timeline for TCEQ on final closure of Old Clint Landfill

STORM 2006 – STAFF UPDATES

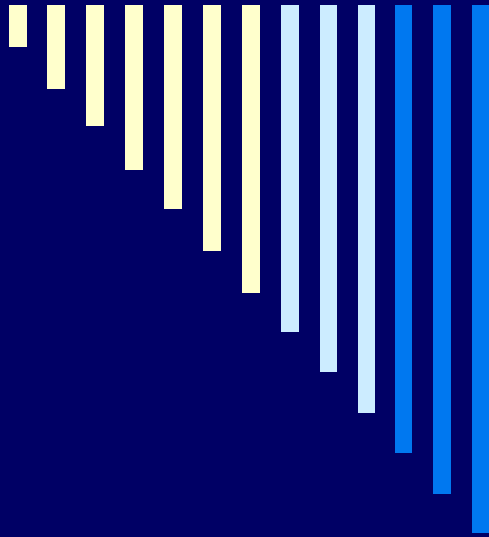


Engineering Services:

□ Design Firm Selection

- Approximately 27 pre-qualified civil engineering firms
- Distribution of work according to skills, capacities & capabilities of firms
- At least 3 projects to most firms based on availability; negotiations underway

STORM 2006 – STAFF UPDATES

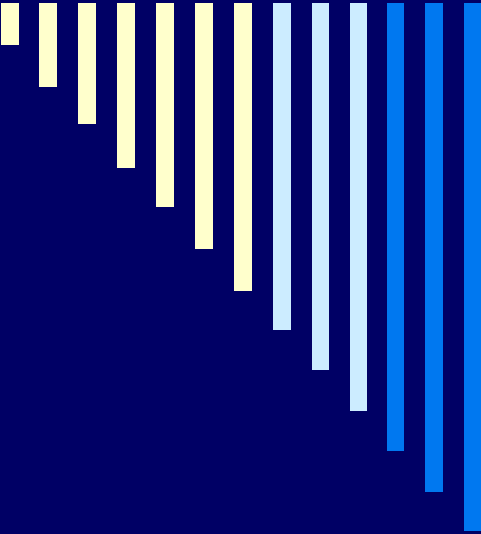


Engineering Services:

□ Construction Firm Awards

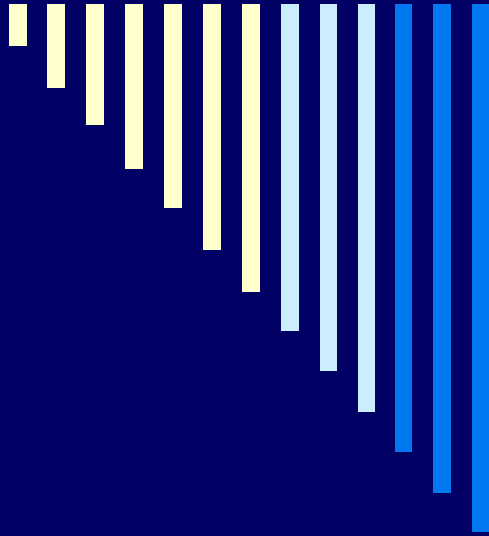
- Sorting of contractors into 3 tiers based on capabilities (i.e., bonding capacity)
- Sorting of projects into 3 tiers based on size & specific needs
- Contractors requested to bid on projects in their corresponding tier(s)
- Multiple projects to most firms based on capabilities

STORM 2006



FLOOD PLAIN MANAGEMENT RECOMMENDATIONS

STORM 2006 – STAFF UPDATES

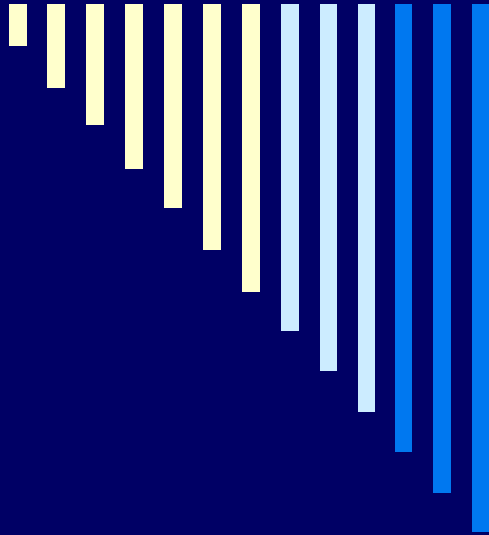


Development Services

□ Mowad Subdivision

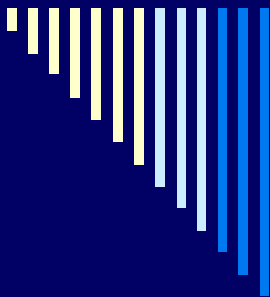
- Finding that it is not conducive to residential development
No practical drainage solution that is cost-effective & where success can be demonstrated
- Notices posted on homes of unsafe conditions
- Certified letters to property owners
- Final identification of parcels affected & individual inspections completed
- Identifying need for permit issuance

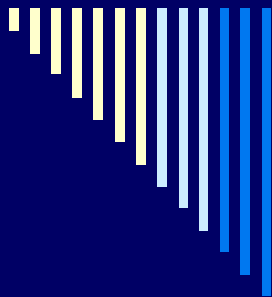
STORM 2006 – STAFF UPDATES

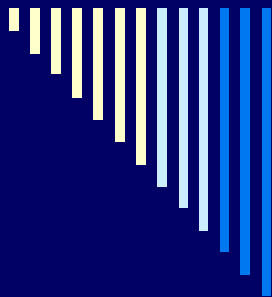


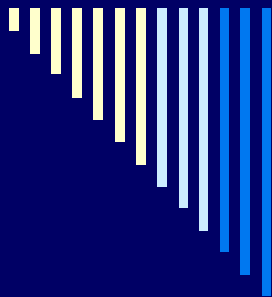
STORM 2006 – STAFF UPDATES

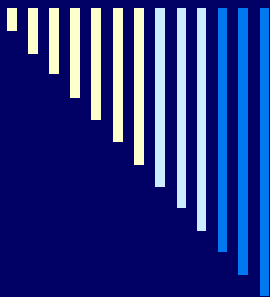


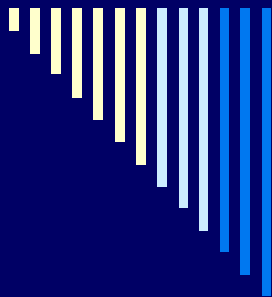


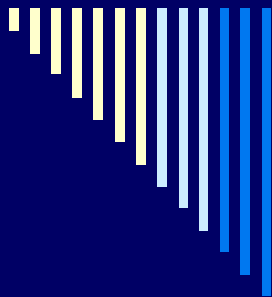


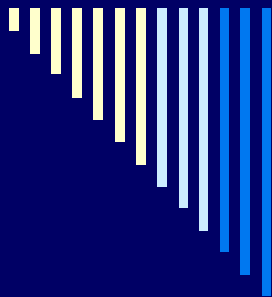




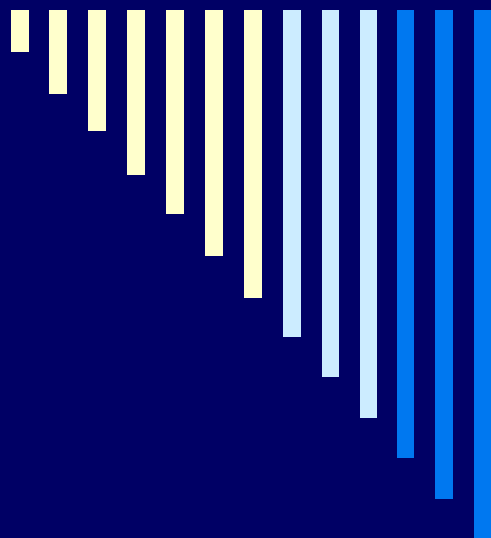








STORM 2006 – STAFF UPDATE

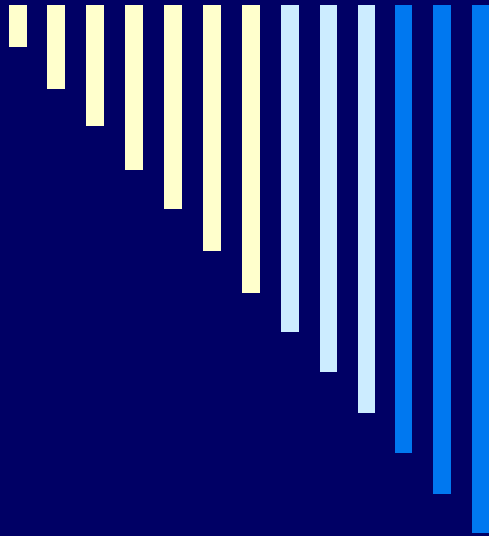


Development Services

□ Mowad Subdivision (Continued)

- Filed Notice of Intent & Application for Disaster Mitigation Grant Program with the State of Texas
- Retained Consultant to manage mitigation & buyout process
- Ongoing evaluation of possible programs for offering relocation and/or replacement assistance

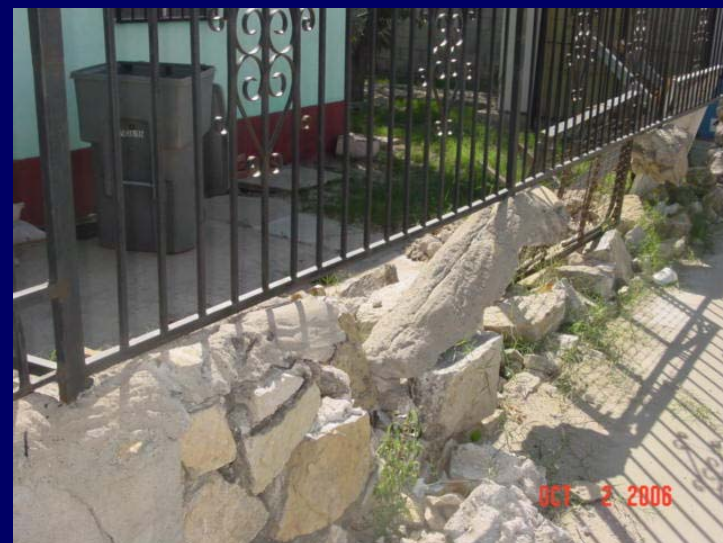
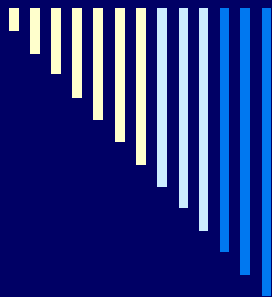
STORM 2006 – STAFF UPDATES

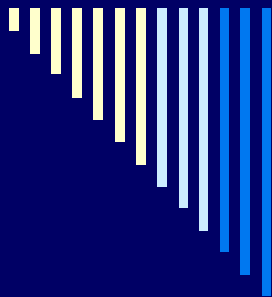


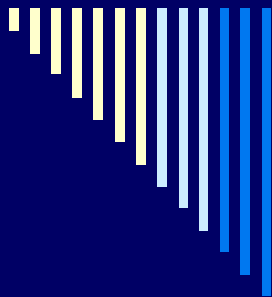
Development Services

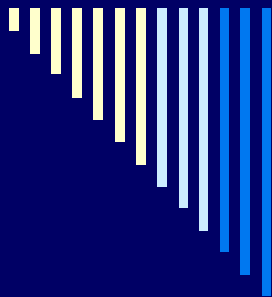
□ Durazno, Saipan & Ledo

- Determining Options for Hazard Mitigation through an Engineered Drainage Solution
- Added to emergency CIP Funding

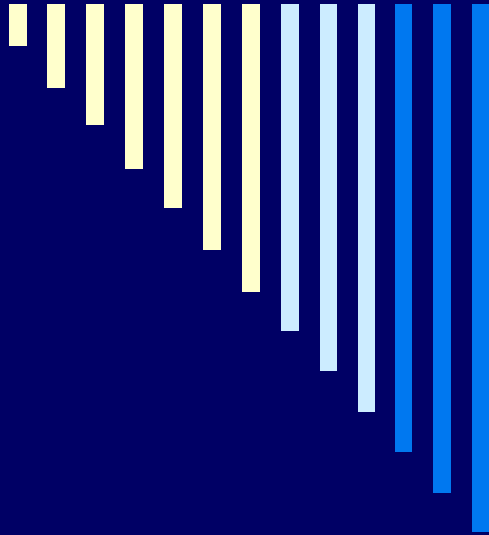








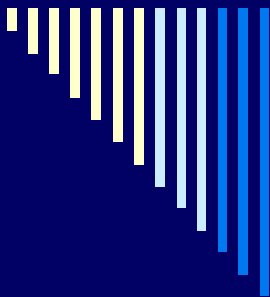
STORM 2006 – STAFF UPDATES



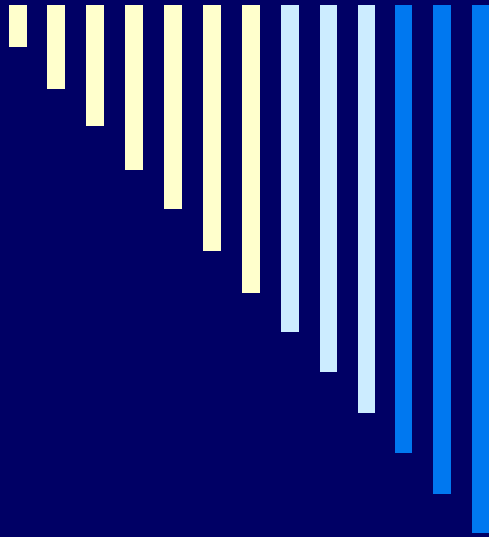
Development Services

□ Fiesta Drive

- Determining Options for Hazard Mitigation through an Engineered Drainage Solution
- Added to emergency CIP Funding



STORM 2006 – STAFF UPDATES



Development Services

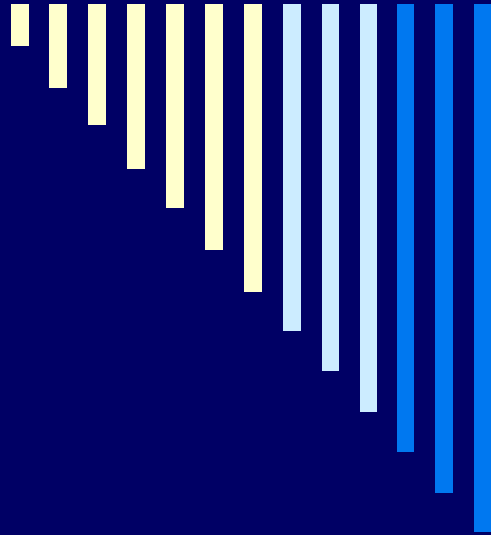
□ Missouri Avenue

- Working with TxDOT to resolve drainage on IH-10 & identify options for mitigating flooding, including use of open Channel Drainage or Increased Pumping Capacity to implement solution
- Added to emergency CIP Funding

STORM 2006 – STAFF UPDATES

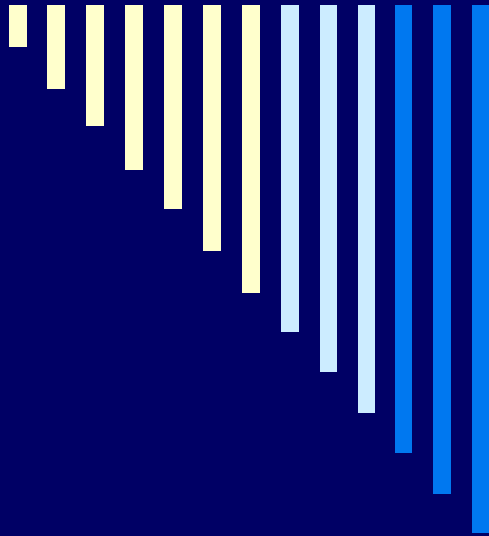


STORM 2006



CIP PRIORITIES

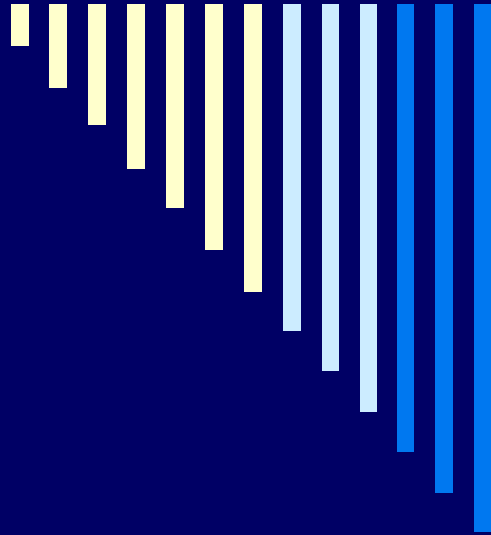
STORM 2006 – CIP PRIORITIES



Street & Drainage

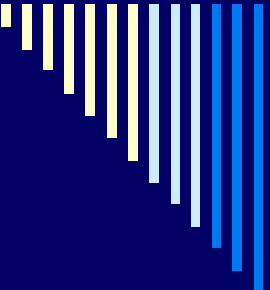
- ❑ Program represents highest critical need citywide
- ❑ Program historically under funded, substantive reinvestment is necessary
- ❑ Refocus of CIP to address Program; 2004 & 2006 Certificates of Obligation Issuances
- ❑ Need constant stream of capital funding to sustain demand on system
- ❑ Execute most critical needs as part of approved capital budgets

STORM 2006 – CIP PRIORITIES



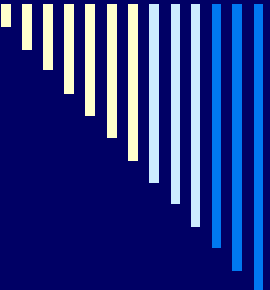
Capital Improvement Program (CIP) Revised Priority Listing

- ☐ Most critical needs identified per technical recommendations of impact to system
- ☐ Estimates only
- ☐ Not an exhaustive list
- ☐ Many projects shown within the CIP that have been elevated in priority



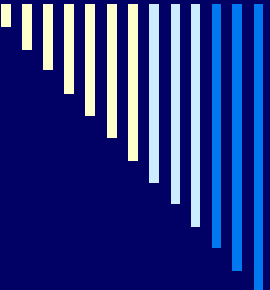
PRIORITY	PROJECT	DIST	ESTIMATED COST
1	Master Drainage Study	Citywide	\$ 2,000,000.00
2	Glory Road - Storm Sewer @ Alley between Mesa & Oregon; Baltimore to New York Ditch	1	\$ 1,223,200.00
3	Shadow Mountain/Silver Springs Roadways and Silver Springs Channel and Coronado Ditch Improvements	1	\$ 6,851,290.00
4	Ojo De Agua Channel from the inlet structure to Thorn Dam and Thorn Inlet structure at Lakehurst Bridge crossing	1	\$ 1,934,366.00
5	Paragon - Santa Fe Channel - Festival	1 & 8	\$ 3,881,000.00
6	Thunderbird Valley Channel	1 & 8	\$ 221,600.00
7	Fairbanks between NS Freeway to Electric	4	\$ 1,903,700.00
8	Highlands Sediment Basin	1	\$ 626,000.00
9	High Ridge Channel & Bear Ridge Channel	1	\$ 509,100.00
10	Lindbergh (Doniphan to Montoya Drain) Redd (McCutcheon to Montoya Drain) Mulberry (Doniphan to Montoya Drain) Warriors (Lindbergh to Mulberry)	1	\$ 2,472,900.00

	5 to 10 yrs
	10+ yrs
	New Project



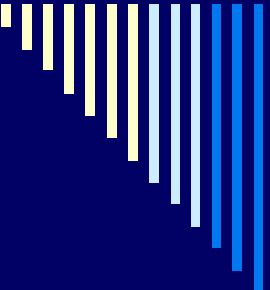
PRIORITY	PROJECT	DIST	ESTIMATED COST
11	Crestmont Channel along Sunland Park Drive	8	\$ 27,900.00
12	Doniphan Phase I Intake and discharge pipe system & Phase II discharge pipe system	8	\$ 584,532.00
13	601 Sunland Park Drive / Buena Vista Channel	8	\$ 23,400.00
14	Bandolero Channel	1 & 8	\$ 197,415.00
15	Drainage Easement on Franklin Summit	1	\$ 85,758.00
16	Wallenberg and Mesa Hills	8	\$ 549,977.00
17	Government Hills Outfall / Durazno Neighborhood	3	\$ 1,500,000.00
18	624 De Leon	8	\$ 19,300.00
19	Castellano Drive	1 & 8	\$ 364,109.00
20	Pressure Manholes	3 & 8	\$ 221,800.00

	5 to 10 yrs
	10+ yrs
	New Project



PRIORITY	PROJECT	DIST	ESTIMATED COST
21	4100 N Mesa	8	\$ 100,000.00
22	Landfill Slope/Erosion Repairs		\$ 3,653,810.00
23	Cebada Pump Station	8	\$ 250,000.00
24	Cedar Oak @ Pendale	7	\$ 30,000.00
25	Don Haskins and Rojas	6	\$ 25,000.00
26	James Watt @ Lee Trevino	7	\$ 500,000.00
27	Pellicano (Lee Trevino to Lionel) and Pendale and Rojas	7	\$ 200,000.00
28	Resler Extension North of Helen of Troy	1	\$ 125,000.00
29	2630 Copper	2	\$ 75,000.00
30	Basin A Pump Station discharge pipe	3	\$ 150,000.00

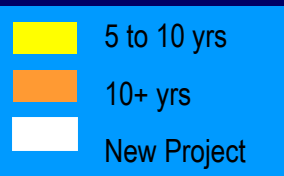
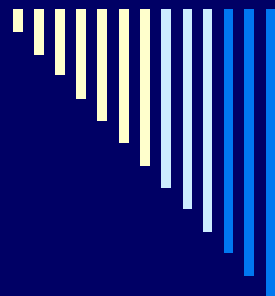
	5 to 10 yrs
	10+ yrs
	New Project

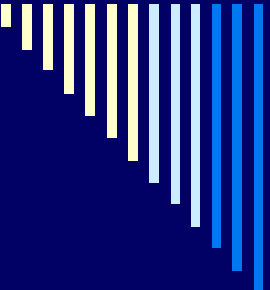


PRIORITY	PROJECT	DIST	ESTIMATED COST
31	Bessemer	7	\$ 100,000.00
32	Bluff Canyon	8	\$ 500,000.00
33	Canterbury Channel between Ridge Crest & Stanton	1	\$ 100,000.00
34	Channel No. 2 (Butterfield Trail apts, Sun Valley to Channel no. 1)	4	\$ 4,000,000.00
35	Chihuahueta Neighborhood	8	\$ 2,000,000.00
36	Clardy Fox Pump Station	3	\$ 200,000.00
37	Colonia Escondida	8	\$ 1,000,000.00
38	Copper Queen	3	\$ 300,000.00
39	Crossroads Pond	8	\$ 600,000.00
40	Gravity Flow outlets to the Rio Grande	3, 6 & 8	\$ 5,000,000.00

	5 to 10 yrs
	10+ yrs
	New Project

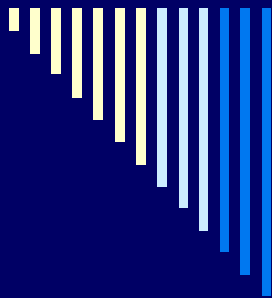
PRIORITY	PROJECT	DIST	ESTIMATED COST
41	Helen of Troy from Resler to Redd	1	\$ 100,000.00
42	Henry Brennan	6	\$ 150,000.00
43	Inspect / Assess all City detention/retention ponds I	Citywide	\$ 2,000,000.00
43	Inspect / Assess all City detention/retention ponds II	Citywide	\$ 1,000,000.00
43	Inspect/ Assess all City detention/retention ponds III	Citywide	\$ 1,000,000.00
44	Inspect/Assess all City Conduits I	Citywide	\$ 1,000,000.00
44	Inspect/Assess all City Conduits II	Citywide	\$ 1,000,000.00
44	Inspect/Assess all City Conduits III	Citywide	\$ 1,000,000.00
44	Inspect/Assess all City Conduits IV	Citywide	\$ 1,000,000.00
45	Isabella and Cabrillo	8	\$ 100,000.00
46	Joyce Circle	2	\$ 200,000.00
47	Lincoln Channel	3	\$ 200,000.00
48	Los Siglos Court & Lucas Marcelo Court	1	\$ 150,000.00
49	Mamie / Elmwood	1	\$ 1,000,000.00
50	Modesto Channel River outfall	8	\$ 1,500,000.00





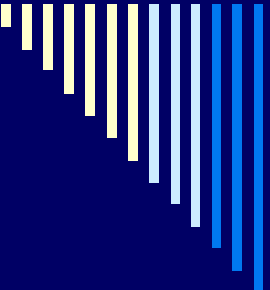
PRIORITY	PROJECT	DIST	ESTIMATED COST
51	Montoya Drain	1 & 8	\$ 500,000.00
52	Mountain Walk	4	\$ 100,000.00
53	Mowad Subdivision	1	\$ 5,000,000.00
54	Nemexas Drain	1 & 8	\$ 250,000.00
55	North South Freeway Channel	4	\$ 750,000.00
56	Northgate Diversion Channel	4	\$ 300,000.00
57	Ocotillo/Charl Ann	8	\$ 1,200,000.00
58	O'Keefe	1	\$ 50,000.00
59	Pershing Dam Upper & Lower Basin	2	\$ 1,000,000.00
60	Pine Springs (South View to Loop 375)	6	\$ 30,000.00

	5 to 10 yrs
	10+ yrs
	New Project



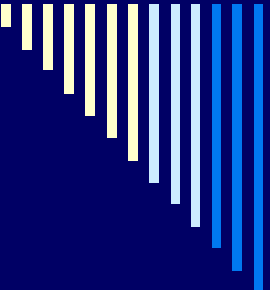
PRIORITY	PROJECT	DIST	ESTIMATED COST
61	Pullman Basin	6	\$ 200,000.00
62	Pump Station assess and repair as needed (Doniphan Phase 1, Doniphan Phase 2, Chihuahuita, Cebada, Clardy Fox, Basin A, Basin G, Airway, Carson Elliot, Ramona, Wyoming, Montview, Paisano, Carolina, Bordeaux and Knights	8, 3, 6, 7	\$ 3,000,000.00
63	Ramona Addition	3	\$ 100,000.00
64	Rim Road / Scenic Drive and RV Channel	1 & 6	\$ 800,000.00
65	Stoney Hill	4	\$ 100,000.00
66	Thorton	8	\$ 400,000.00
67	Delta and Manny Martinez	3	\$ 100,000.00
68	Four Level Interchange	2 & 8	\$ 100,000.00
69	Fred Wilson @ Alabama Mesa Hills @ Bluff Trail Montana @ Paisano	2,3,4 & 8	\$ 300,000.00
70	Americas 10 Dam	6	\$ 3,000,000.00

5 to 10 yrs
 10+ yrs
 New Project



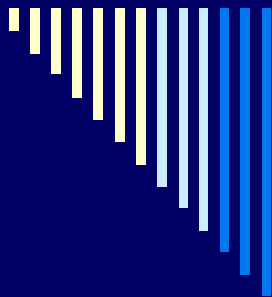
PRIORITY	PROJECT	DIST	ESTIMATED COST
71	Channel No. 1	4	\$ 200,000.00
72	Dallas Outfall	8	\$ 2,000,000.00
73	Edgemere and Robert E. Lee	3	\$ 5,000.00
74	Fiber Optic Link to all major City Facilities	Citywide	\$ 4,000,000.00
75	Ft Bliss Sump		\$ 400,000.00
76	Luna La Luz to Hueco	8	\$ 125,000.00
77	McKelligon Canyon	2 & 4	\$ 1,000,000.00
78	Mesa Drain	6 & 7	\$ 250,000.00
79	Northeast Pond and Northgate Dam	4	\$ 600,000.00
80	Playa Drain	3, 6 & 7	\$ 250,000.00

	5 to 10 yrs
	10+ yrs
	New Project



PRIORITY	PROJECT	DIST	ESTIMATED COST
81	Pollard Veterans Memorial Park	2	\$ 50,000.00
82	Range Dam	4	\$ 600,000.00
83	Robinson	1	\$ 500,000.00
84	Schuster slope improvements	1 & 8	\$ 2,500,000.00
85	Texas A&M / Research Drive Channel	6	\$ 2,000,000.00
86	Whirlaway	6	\$ 100,000.00
87	Upgrade Emergency Communications Systems	CW	\$ 500,000.00
88	Capital Equipment	CW	\$7,531,000.00
89	Central / Mesa Drain Corps of Engineers (COE) Drainage Study	3	\$ 1,500,000.00
90	East Side / Americas Basin watershed COE Drainage Study	6	\$ 1,500,000.00

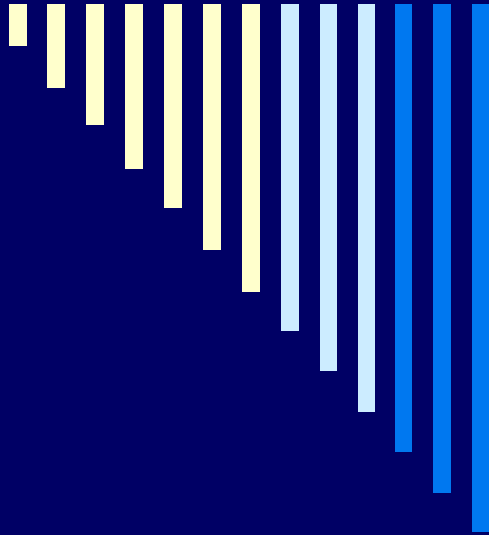
	5 to 10 yrs
	10+ yrs
	New Project



PRIORITY	PROJECT	DIST	ESTIMATED COST
91	Northeast / Woodrow Bean to Martin Luther King COE Drainage Study	4	\$ 1,500,000.00
92	West Side Mulberry Dam watershed to northern City Limits COE Drainage Study	1	\$ 1,500,000.00
TOTAL COST OF ALL PROJECTS			\$101,397,157.00

	5 to 10 yrs
	10+ yrs
	New Project

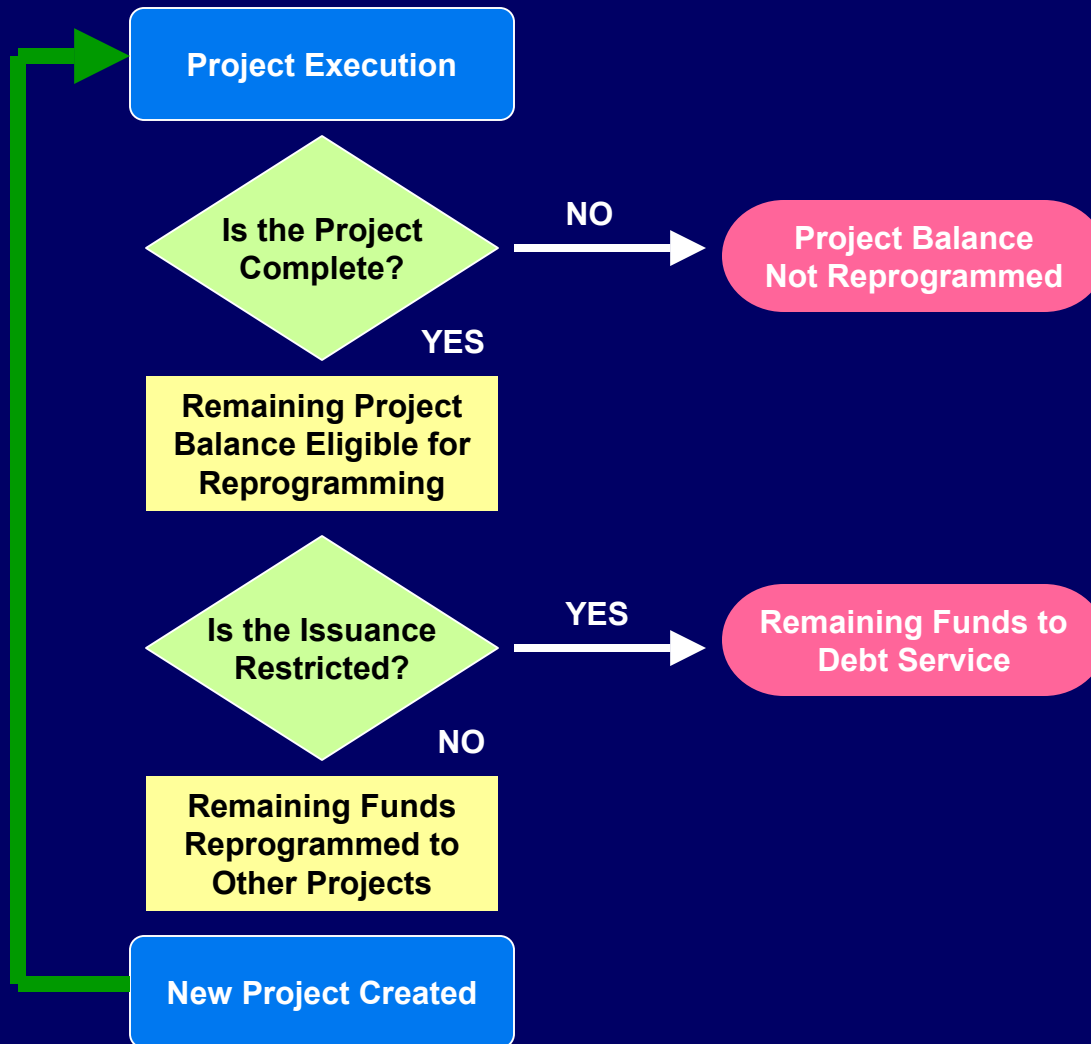
STORM 2006 — BOND REPROGRAMMING

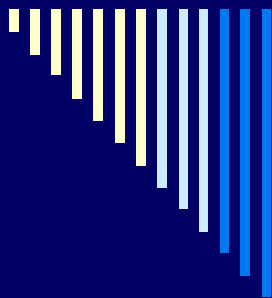


Why Reprogram Capital Funds?

- ☐ Save on bond issuance costs
- ☐ Interest expense already known
- ☐ Minimize impact to budget
- ☐ Save time in project execution within already authorized use of bond proceeds
- ☐ Ability to respond to changing priorities
- ☐ Ability to respond to emergency situations
- ☐ Ability to expand scope of authorized projects

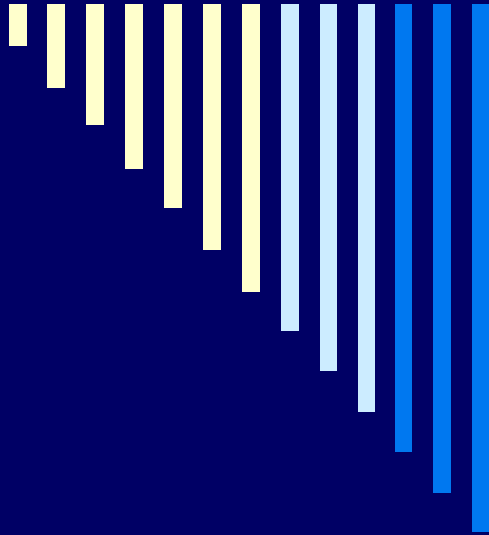
Bond Issuance





Funding Source	Approximate Fund Balance Reprogrammed	Reprogramming Needs	City Council Approval
1994A CO, 1995A CO, 1997 CO, 1997A CO, 1998 CO, 1998A CO, 1999 CO, 2000 CO, 2001 CO, 2002A CO, 2003 CO, 2001 GOB	\$5,783,966	TxDOT Matches; +\$12 million in contractual obligations unfunded	September 2004
1993A CO, 1994A CO, 1995 CO, 1997A CO, 1998A CO, 2000 CO, 2001 CO, 2003 CO	\$1,656,719	Zoo Improvements; Capital Acquisitions	August 2006
1987 GOB, 1995A GOB, 2000A GOB, 1995 CO, 2000 CO, 2001 CO, 2003 CO, 2003 CO	\$4,787,998	Storm 2006, Street & Drainage Priorities	September 2006
2006 CO	\$10,400,000	Storm 2006, Street & Drainage Priorities	Pending
Total	\$22,628,683		

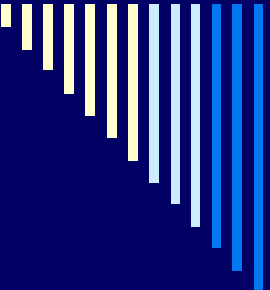
STORM 2006 – BOND REPROGRAMMING



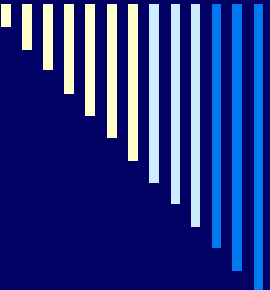
Street & Drainage

□ 2006 Certificates of Obligation

- Reprogramming from projects where delays have minimal impact & where there is no contractual obligation
- Remaining projects critically needed & prioritized, more so as a result of Storm 2006
- Reprogrammed funds will be made whole upon issuance of next bond allocation

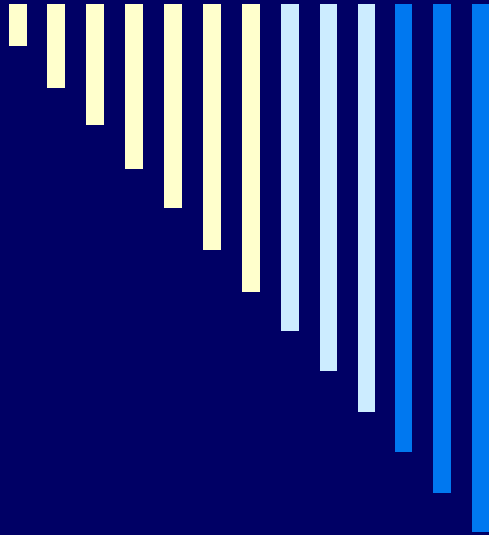


Projects	Original Allocation	Reprogrammed Funding for Critical Infrastructure
Street Resurfacing	\$ 10,000,000.00	\$ -
TMIS	\$ 2,000,000.00	\$ -
ADA Compliance	\$ 6,000,000.00	\$ 1,000,000.00
Concrete Intersections	\$ 7,000,000.00	\$ -
Unpaved ROW	\$ 4,000,000.00	\$ -
Arterial Street Lighting	\$ 3,000,000.00	\$ -
Storm Water Drainage	\$ 4,000,000.00	\$ -
Mast Arm Replacement	\$ 3,000,000.00	\$ -
Lane Lines and Markings	\$ 2,000,000.00	\$ -
Loop Detectors	\$ 600,000.00	\$ -
Signal/Flasher Installation	\$ 4,000,000.00	\$ 500,000.00
Traffic Calming	\$ 400,000.00	\$ 400,000.00
Emergency City Facility Rehabilitation	\$ 2,000,000.00	\$ -
Street Light Replacement	\$ 4,000,000.00	\$ 500,000.00
TX DOT Matches	\$ 6,000,000.00	\$ -
El Paso Drive/Alameda/Concepcion	\$ 2,138,000.00	\$ -
Airport Road	\$ 1,000,000.00	\$ -



Projects	Original Allocation	Reprogrammed Funding for Critical Infrastructure
Alameda	\$ 400,000.00	\$ -
Alameda/Little Flower	\$ 1,850,000.00	\$ -
Airway Phase 1	\$ 5,000,000.00	\$ 5,000,000.00
McCombs/Railroad	\$ 617,000.00	\$ -
Rushing/Trans-Mountain	\$ 1,870,000.00	\$ -
Zaragoza/SPRR Crossing	\$ 473,000.00	\$ -
Yarbrough	\$ 800,000.00	\$ -
Alameda	\$ 5,777,000.00	\$ -
Pelicano/Lomaland	\$ 1,414,000.00	\$ -
CBD Phase IV	\$ 150,000.00	\$ -
Cebada I-10	\$ 10,463,000.00	\$ -
Open Space Acquisition	\$ 2,000,000.00	\$ 2,000,000.00
Neighborhood Initiatives	\$ 2,000,000.00	\$ 1,000,000.00
Agricultural Drains	\$ 2,000,000.00	\$ -
Carnegie	\$ 2,916,000.00	\$ -
Arts 2%	\$ 1,977,360.00	\$ -
Bond Issuance	\$ 1,483,020.00	\$ -
TOTALS	\$ 102,328,380.00	\$ 10,400,000.00

STORM 2006 – BOND REPROGRAMMING



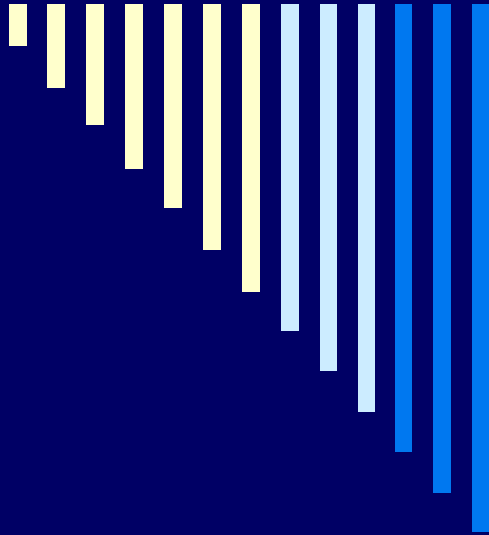
Street & Drainage

□ Other Reprogramming from Certificates of Obligation & General Obligation Bonds

Objectives are to:

- Identify available funding within projects that have not been started, but are under contractual obligation, & that could be reauthorized upon issuance of the next bond allocation
- Identify funding within projects that have not been completed, are within phases, are not critical & can be delayed to next bond allocation

STORM 2006 – BOND REPROGRAMMING



Street & Drainage

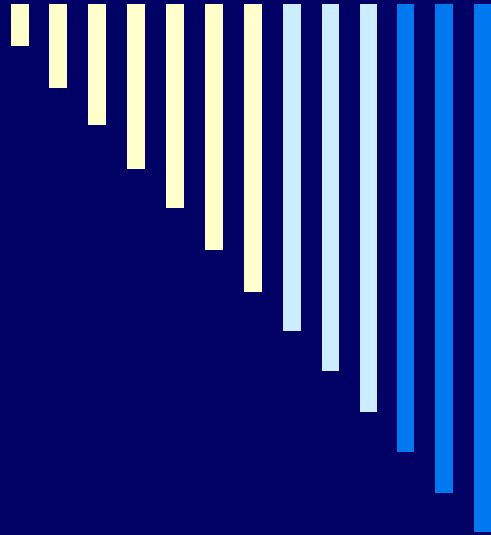
□ Other Reprogramming from Certificates of Obligation & General Obligation Bonds (Continued)

Objectives are to:

- Identify projects whose priority has been elevated due to Storm 2006, & then expedite
- Identify surplus funding from projects near completion for earmark to priorities

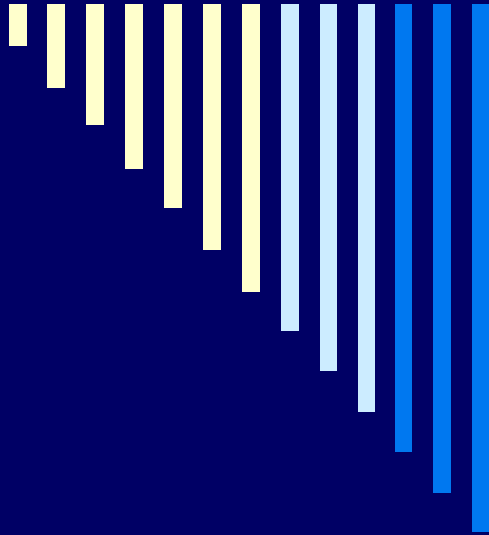
□ All Cases of Fund Reprogramming require review to ensure bond documents permit proceeds to priorities

STORM 2006 – COUNCIL ACTIONS NEEDED



1. Ratify Revised Listing of Storm 2006 – Street & Drainage Priorities & authorize addendums as necessary
2. Approve Fund Reprogramming from 2006 Certificates of Obligation, \$10.4 million
3. Authorize City Manager to execute budget transfers as necessary for reprogramming efforts

STORM 2006 – COUNCIL ACTIONS NEEDED



4. Authorize City Manager to begin process for an emergency bond issuance of Certificates of Obligation to cover immediate emergency funding deficit (up to \$75 million)